# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| S1 | 404 | (separation or separating or separate) adj3 mixture same (olefin) and (hydrogenate or hydrogenation) and ("transition metal" or catalyst) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 14:38 |
| S2 | 5 | S1 and "semipermeable membrane" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 14:39 |
| S3 | 41 | S1 and "membrane" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 15:37 |
| S4 | 41 | S1 and (membrane or permeate or retentate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 15:52 |
| S5 | 4 | "terminal olefin" with ("functional group" or functionality) and homogeneous and catalyst and "transition metal" and (separating or separation) and (solution or mixture) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 14:52 |
| S6 | 308 | "olefin" with ("functional group" or functionality) and homogeneous and catalyst and "transition metal" and (separating or separation) and (solution or mixture) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 14:53 |
| S7 | 1716 | "olefin" and ("functional group" or functionality) and homogeneous and catalyst and "transition metal" and (separating or separation) and (solution or mixture) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 16:14 |
| S8 | 12 | "olefin" same ("functional group" or functionality) same catalyst same "transition metal" same (separating or separation) same (solution or mixture) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 14:58 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S9 | 3 | S8 and membrane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 14:57 |
| S10 | 4 | "olefin" same membrane same catalyst same "transition metal" same (separating or separation) same (solution or mixture) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 15:00 |
| S11 | 16 | ("3013066"\|"3645891"\|"4451665"\|"4594447"\|"4638084"\|"4889949").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 15:24 |
| S12 | 2 | ("2006247459").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/06/05 15:24 |
| S13 | 2 | ("20060247459").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/06/05 15:26 |
| S14 | 2 | ("20060178525").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/06/05 15:30 |
| S15 | 0 | ("2007037999").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/06/05 15:30 |
| S16 | 0 | ("200737999").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/06/05 15:30 |

# EAST Search History

| S17 | 2 | ("20070037999").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/06/05 15:31 |
|-----|-----|---------------------|-----------------------------------------------|-----|-----|-------------------|
| S18 | 2 | ("2007034576").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/06/05 15:31 |
| S19 | 2 | ("20070034576").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/06/05 15:31 |
| S20 | 8 | "pore size" and "daltons" and separation and ("adipic diester" or adiponitrile or "cyanovaleric ester" or butenedinitrile or "cyanopentenoic ester" or "hexenedioic diester") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 15:59 |
| S21 | 148615 | "pore size" or "daltons" or ("adipic diester" or adiponitrile or "cyanovaleric ester" or butenedinitrile or "cyanopentenoic ester" or "hexenedioic diester") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 16:13 |
| S22 | 8 | S21 and S4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 16:08 |
| S23 | 1 | S21 and S11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 16:08 |
| S24 | 3308 | ("adipic diester" or adiponitrile or "cyanovaleric ester" or butenedinitrile or "cyanopentenoic ester" or "hexenedioic diester") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 16:13 |

# EAST Search History

| S25 | 41 | S7 and S24 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 16:42 |
|-----|----|-----|-----|-----|-----|-----|
| S26 | 15 | (("3579560") or ("0819416") or ("3538142") or ("3595901")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/06/05 16:44 |
| S27 | 3 | S26 and S24 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/06/05 16:44 |
| S28 | 4 | ("3853754").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2007/06/06 14:44 |